

REQUEST FOR PROPOSALS

FOR

NORTH KOHALA

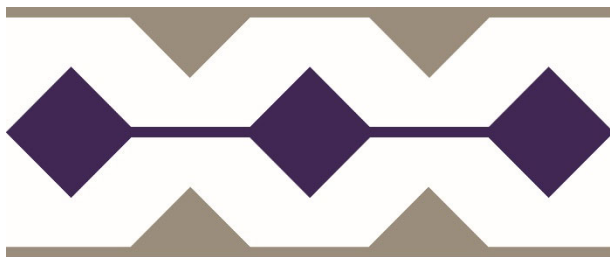
ENERGY STORAGE

ISLAND OF HAWAI‘I

MARCH 24, 2023

Docket No. 2022-0012

Appendix A – Definitions



**Hawai‘i
Electric
Light**

“Affiliate” means any person or entity that possesses an “affiliated interest” in a utility as defined by section 269-19.5, Hawaii Revised Statutes (“HRS”), including a utility’s parent holding company but excluding a utility’s subsidiary or parent which is also a regulated utility.

“Allowed Capacity” has the meaning set forth in the ESSA.

“Back-up Power” has the meaning set forth in Section 2.1 of the RFP and the ESSA.

“Battery Energy Storage System” or “BESS” has the meaning set forth in the ESSA.

“BESS Contract Capacity” has the meaning set forth in the ESSA.

“Black-start” has the meaning set forth in Section 2.1 of the RFP and the ESSA.

“Code of Conduct” means the code of conduct approved by the PUC in Docket No. 03-0372 (Decision and Order No. 23614, August 28, 2007) with respect to a Hawaiian Electric Proposal Option.

“Code of Conduct Procedures Manual” or “Procedures Manual” means the manual being submitted to the PUC, which was put in place to address and to safeguard against preferential treatment or preferential access to information in a Hawaiian Electric, Maui Electric, or Hawaii Electric Light RFP process. The Procedures Manual is attached as Appendix C to this RFP.

“Commercial Operations” has the meaning set forth in the ESSA.

“Community Outreach Plan” is a community outreach and communication plan described in Section 4.3 of the RFP and Section 27.17 of the ESSA.

“Company” means Hawai‘i Electric Light Company, Inc., a Hawai‘i corporation.

“Company-Owned Interconnection Facilities” has the meaning set forth in Section 1.a of Attachment G of the ESSA.

“Competitive Bidding Framework” or “Framework” means the Framework for Competitive Bidding contained in Decision and Order No. 23121 issued by the Public Utilities Commission on December 8, 2006 in Docket No. 03-0372, and any subsequent orders providing for modifications from those set forth in Order No. 23121 issued December 8, 2006.

“Consumer Advocate” means the Division of Consumer Advocacy of the Department of Commerce and Consumer Affairs of the State of Hawai‘i.

“Day” means a calendar day, unless the term “business day” is used, which means calendar day excluding weekends and federal and State of Hawai‘i holidays.

“Development Period Security” has the meaning set forth in Section 14.2 of the ESSA.

“Dispatchable” means the ability to turn on or turn off a generating resource at the request of the utility’s system operators, or the ability to increase or decrease the output of a generating resource from moment to moment in response to signals from a utility’s Automatic Generation

Control System, Energy Management System or similar control system, or at the request of the utility's system operators.

“Electronic Procurement Platform” means the third-party web-based sourcing platform that will be used for the intake of Proposals and associated electronic information, storage and handling of Proposer information, and communication.

“Eligibility Requirements” has the meaning set forth in Section 4.2 of this RFP.

“Eligible Proposals” means Proposals that meet both the Eligibility and Threshold Requirements.

“Energy Contract Manager” is the primary Company contact for this RFP.

“Energy Storage Services Agreement” or “ESSA” means the Model Energy Storage Services Agreement attached as Appendix L to this RFP.

“Evaluation Team” means agents of the Company who evaluate Proposals.

“Facility” has the meaning set forth in the ESSA.

“Facility Study” means a study to develop the interconnection facilities cost and schedule estimate including the cost associated with the design and construction of the Company-owned interconnection facilities.

“Final Award Group” means the Proposer selected by the Company which the Company will begin contract negotiations with, based on the results of the Company's evaluation.

“Frequency Regulation” has the meaning set forth in Section 2.1 of the RFP and the ESSA.

“Greenhouse Gas” or “GHG” are gases that contribute to the greenhouse gas effect and trap heat in the atmosphere.

“Guaranteed Commercial Operations Date” or “GCOD” means the date on which a Facility first achieves Commercial Operations.

“Hawai'i Electric Light” means Hawai'i Electric Light Company, Inc., a Hawai'i corporation.

“Hawai'i Electric Light System” or “System” means the electric system owned and operated by Hawai'i Electric Light on the island of Hawai'i (including any non-utility owned facilities) consisting of power plants, transmission and distribution lines, and related equipment for the production and delivery of electric power to the public.

“Hawaiian Electric Companies” or “Companies” means Hawaiian Electric Company, Inc. and its subsidiaries, Hawai'i Electric Light Company, Inc. and Maui Electric Company, Limited.

“Hawaiian Electric Proposal” means a Proposal submitted by the Company that is responsive to the resource need identified in the RFP, as required by Section VI of the Framework.

“Hawaiian Electric Development Team” means agents of the Company who develop Self-Build proposals.

“HRS” means the Hawai‘i Revised Statutes as of the date of this Request for Proposals.

“Imputed Debt” means adjustments to the debt amounts reported on financial statements prepared under generally accepted accounting principles (“GAAP”). Certain obligations do not meet the GAAP criteria of “debt” but have debt-like characteristics; therefore, credit rating agencies “impute debt and interest” in evaluating the financial ratios of a company.

“Independent Observer” has the meaning set forth in Section 1.4 of this RFP.

“Independent Power Producer” or “IPP” means an entity that owns or operates an electricity generating facility that is not included in the Company’s rate base.

“Interconnection Facilities” means the equipment and devices required to permit a Facility to operate in parallel with, and deliver electric energy to, the Company System (in accordance with applicable provisions of the Commission’s General Order No. 7, Company tariffs, operational practices, interconnection requirements studies, and planning criteria), such as, but not limited to, transmission and distribution lines, transformers, switches, and circuit breakers. Interconnection Facilities includes Company-Owned Interconnection Facilities and Seller-Owned Interconnection Facilities.

“Interconnection Requirements Study” or “IRS” means a study, performed in accordance with the terms of the IRS Letter Agreement, to assess, among other things, (1) the system requirements and equipment requirements to interconnect the Facility with the Company System, (2) the Performance Standards of the Facility, and (3) an estimate of interconnection costs and project schedule for interconnection of the Facility.

“kV” means kilovolt.

“Levelized Benefit” or “LB” means a calculation (\$/MWh) used for comparison of Proposals based on information provided in the Proposal submission in this RFP.

“Lump Sum Payment” has the meaning set forth in the ESSA. It may also be referred to as a monthly Lump Sum Payment to reflect the portion of the payment made each month.

“Maximum Rated Output” has the meaning set forth in the ESSA.

“Mediation” means the confidential mediation conducted in Honolulu, Hawai‘i, pursuant to and in accordance with the Mediation Rules, Procedures, and Protocols of Dispute Prevention Resolution, Inc. (or its successor) or, in its absence, the American Arbitration Association then in effect.

“MW” means megawatt.

“MWh” means megawatt hour.

“NDA” means the Mutual Confidentiality and Non-Disclosure Agreement attached to this RFP as Appendix E.

“NEP” means Net Energy Potential.

“Non-Price Evaluation Team” means Employees and consultants of the Company who evaluate the Proposal non-price related criteria as set forth in Section 4.4 of this RFP. Non-Price Evaluation Team members will not include any Shared Resources and will be solely made up of Company RFP Team Members.

“O&M” means operation and maintenance.

“Operating Period Security” has the meaning set forth in Section 14.4 of the ESSA.

“Performance Standards” means the various performance requirements and attributes for the operation of the Facility to the Company as set forth in Section 2.10 of Appendix B, as such standards may be revised from time to time pursuant to Article 22 of the ESSA, and as described in Chapter 2 of this RFP.

“Point of Interconnection” or “POI” has the meaning set forth in the ESSA.

“Price Evaluation Team” means Employees and consultants of the Company who evaluate the Proposal price related criteria as set forth in Section 4.4 of this RFP. Price Evaluation Team members will not include any Shared Resources and will be solely made up of Company RFP Team Members.

“Project” means a Facility proposed to Hawai‘i Electric Light by a Proposer pursuant to this RFP.

“Proposal” means a proposal submitted to Hawai‘i Electric Light by a Proposer pursuant to this RFP.

“Proposal Due Date” means the date stated in RFP Schedule, Table 1, Section 3.1 for the Hawaiian Electric Proposal and the IPP and Affiliate Proposals of this RFP.

“Proposal Fee” means the non-refundable fee for each proposal submitted as set forth in Section 1.8 of this RFP.

“Proposer” means a person or entity that submits a Proposal to Hawai‘i Electric Light pursuant to this RFP.

“Proposer’s Response Package” means the form in which the Proposal should be submitted, which is attached as Appendix B to this RFP.

“PUC” means the State of Hawai‘i Public Utilities Commission.

“Rated Active Power Capacity” has the meaning set forth in Section 2.1 of the RFP and the ESSA.

“Rated Energy Capacity” has the meaning set forth in Section 2.1 of the RFP and the ESSA.

“Renewable Portfolio Standards” or “RPS” means the Hawai‘i law that mandates that the Company and its subsidiaries generate or purchase certain amounts of their net electricity sales over time from qualified renewable resources. The RPS requirements in Hawai‘i are currently codified in HRS §§ 269-91 through 269-95.

“Request for Proposals” or “RFP” means a request for Proposals issued pursuant to a competitive bidding process authorized, reviewed, and approved by the PUC.

“RFP Schedule” means the schedule set forth in Table 1, Section 3.1 of this RFP.

“Round Trip Efficiency” or “RTE” has the meaning set forth in the ESSA.

“Seller” means the entity that the Company is contracting with, as set forth in the ESSA.

“Seller-Owned Interconnection Facilities” has the meaning set forth in the ESSA.

“Site” means the parcel of real property on which the Facility, or any portion thereof, will be constructed and located, together with any Land Rights reasonably necessary for the construction, ownership, operation, and maintenance of the Facility.

“System Impact Study” means a study analyzing the steady-state and dynamic impacts on system power flow, voltage, frequency and transient stability. The analyses includes compatibility of design, construction and operation of the Project with Company engineering standards and operating practices.

“Threshold Requirements” has the meaning set forth in Section 4.3 of this RFP.

“Voltage Regulation” has the meaning set forth in Section 2.1 of the RFP and the ESSA.

“Updated Framework” means the updated Framework for Competitive Bidding which was drafted to be more inclusive of various technologies, and filed on February 12, 2021 in Docket No. 2018-0165.

Any capitalized term not defined in this RFP has the meaning set forth in the ESSA.